

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: August 27, 2001, 15:33:32 ; Search time 120.98 Seconds  
(without alignments)  
708.860 Million cell updates/sec

Title: US-09-784-340-3\_COPY\_18322\_18774

Perfect score: 453  
Sequence: 1 gtaagtaactactgtctgtac.....tgytgccttcctccag 453

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 324599 seqs, 9465562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database :

Issued\_Patents\_NA:\*  
1: /cgn2\_6/prodata/2/ina/5A\_COMB.seq:\*  
2: /cgn2\_6/prodata/2/ina/5B\_COMB.seq:\*  
3: /cgn2\_6/prodata/2/ina/6A\_COMB.seq:\*  
4: /cgn2\_6/prodata/2/ina/6B\_COMB.seq:\*  
5: /cgn2\_6/prodata/2/ina/PCTUS\_COMB.seq:\*  
6: /cgn2\_6/prodata/2/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	44.4	9.8	7218	1 US-08-232-463-14	Sequence 14, Appl
2	37.2	8.2	19124	2 US-08-487-8268-13	Sequence 5, Appl
3	36.2	8.0	1422	1 US-08-319-704-5	Sequence 7, Appl
4	35.2	7.8	510	2 US-08-934-959-7	Sequence 4, Appl
5	33.6	7.4	1419	1 US-07-960-981-4	Sequence 4, Appl
6	33.6	7.4	1419	5 PCT-US93-09634-4	Sequence 4, Appl
7	33.6	7.4	1850	3 US-08-617-8608-32	Sequence 32, Appl
8	33.6	7.4	4098	2 US-08-605-106-4	Sequence 4, Appl
9	33.6	7.4	8052	3 US-09-136-605-14	Sequence 14, Appl
10	33.6	7.4	8052	1 US-08-306-691B-41	Sequence 41, Appl
11	33.6	7.4	8082	1 US-08-187-785-1	Sequence 1, Appl
12	33.6	7.4	8082	5 PCT-US93-06251-28	Sequence 28, Appl
13	33.6	7.4	2601	5 PCT-US96-12860-3	Sequence 3, Appl
14	33.4	7.3	1262	1 PCT-US96-12860-3	Sequence 3, Appl
15	33.2	7.3	4071	4 US-09-091-117-3	Sequence 3, Appl
16	33.2	7.3	9636	1 US-08-323-170B-1	Sequence 1, Appl
17	32.8	7.2	9636	2 US-08-743-637B-25	Sequence 25, Appl
18	32.6	7.2	845	3 US-08-526-840B-25	Sequence 25, Appl
19	32.6	7.2	2132	3 US-08-844-188-39	Sequence 39, Appl
20	32.6	7.2	5000	3 US-09-104-070-3	Sequence 3, Appl
21	32.6	7.2	40352	3 US-08-846-111D-15	Sequence 15, Appl
22	32.6	7.2	4612	2 US-08-447-031A-8	Sequence 8, Appl
23	32.4	7.1	688	4 US-08-998-416-972	Sequence 972, App
24	32.2	7.1	722	1 US-07-971-160-3	Sequence 3, Appl
25	32.2	7.1	722	1 US-08-336-241-3	Sequence 3, Appl
26	32.2	7.1	722	1 US-08-465-273-3	Sequence 3, Appl
27	32.2	7.1	722	2 US-08-465-273-3	Sequence 3, Appl

C 28	32.2	7.1	722	2 US-09-119-024-3	Sequence 3, Appl
C 29	32.2	7.1	722	4 US-08-417-226-3	Sequence 3, Appl
C 30	32.2	7.1	722	2 US-09-196-131-3	Sequence 1137, Ap
C 31	32.2	7.1	636	4 US-08-998-416-1137	Sequence 224, App
C 32	31.8	7.0	782	4 US-08-998-416-224	Sequence 1, Appl
C 33	31.8	7.0	5194	2 US-08-642-846-1	Sequence 193, App
C 34	31.6	7.0	658	4 US-08-998-416-193	Sequence 1014, Ap
C 35	31.6	7.0	676	4 US-08-998-416-1014	Sequence 971, App
C 36	31.6	7.0	740	4 US-08-998-416-971	Sequence 385, App
C 37	31.6	7.0	773	4 US-08-998-416-385	Sequence 69, Appl
C 38	31.6	7.0	1758	2 US-08-630-822A-69	Sequence 15, Appl
C 39	31.6	7.0	1758	2 US-09-005-069-69	Sequence 15, Appl
C 40	31.6	7.0	2400	1 US-08-487-753-15	Sequence 15, Appl
C 41	31.6	7.0	2400	2 US-08-480-065-15	Sequence 15, Appl
C 42	31.6	7.0	2400	3 US-08-487-744-15	Sequence 72, Appl
C 43	31.6	7.0	3659	1 US-08-220-151-72	Sequence 12, Appl
C 44	31.6	7.0	3659	1 US-08-303-124-12	Sequence 72, Appl
C 45	31.6	7.0	3659	1 US-08-413-118-72	Sequence 72, Appl

#### ALIGNMENTS

RESULT 1  
US-08-232-463-14  
Sequence 14, Application US/08232463  
Patent No. 5670367  
GENERAL INFORMATION:  
APPLICANT: DORNER, F.  
APPLICANT: SCHEIFLINGER, F.  
APPLICANT: FALKNER, F. G.  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,463  
CLASSIFICATION: 435  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/935,313  
FILING DATE:  
APPLICATION NUMBER: EP 91 114 300.6  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 30472/114 IMMU  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)663-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7218 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: PT99c-Fls  
US-08-232-463-14

Query Match 9.8%; Score 44.4; DB 1; Length 7218;  
Best Local Similarity 9.1%; Pred. No. 0.0096;  
Matches 39; Conservative 200; Mismatches 191; Indels 0; Gaps 0;

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QY 22 gactgacttaacatgactatgatacatatccagaaatgtaatacctctg 81
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 982 GGCTACTATACATATTTCTTCTGTTGCGATACGCTACACAGATATTCGAGCTG 1041

QY 82 tagacatgtagggatttaccacataatgagtcacacaccttgcttctgaa 141
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1042 GCTGACAGTGCAGGAGCTGCGATATTTATTTATTTATTTATTTATTT 1101

QY 142 taagtgtggaatgtatgataagatgtaaaccttctcagaaataatagttta 201
    : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1102 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1161

QY 202 agttaaacatgctactaagcttctacacacttaatttaccacattgttaag 261
    : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1162 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1221

QY 262 aataactcttcagctctccactatatctgttaactatgtaacacacatctca 321
    : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1222 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1281

QY 322 tgcacaacagaatcaacttcttactgacatgcttctgctgcaatacacttac 381
    : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1282 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1341

QY 382 ggtttactacgctcttcttctgaacaaacacacacttctcaagttctagtgtt 441
    : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1342 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1401

QY 442 tttcccttc 451
    : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1402 YYYYYYYYYY 1411
```

RESULT 2  
US-08-487-826B-13/C

; Sequence 13, Application US/08487826B

; Patent No. 5993827

GENERAL INFORMATION:

APPLICANT: Shim, Kim L.

APPLICANT: Chitais, Chetan

APPLICANT: Miller, Louis H.

APPLICANT: Peterson, David S.

APPLICANT: Su, Xin-zhaun

APPLICANT: Wellens, Thomas E.

TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS

ADDRESSEE: Knobb, Martens Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: California

COUNTRY: US

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,826B

FILING DATE: 10-SEP-1993

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Israel, Ned

REGISTRATION NUMBER: 29, 655

REFERENCE/DOCKET NUMBER: N1121.001CPI

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 235-8550

TELEFAX: (619) 235-0176

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 19124 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-487-826B-13

Query Match 8.2%; Score 37.2; DB 2; Length 19124;  
Best Local Similarity 47.4%; Pred. No. 0.8;  
Matches 111; Conservative 0; Mismatches 123; Indels 0; Gaps 0;

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QY 216 ttactaagcttttaccatcttaatttaccacattgtttaagaatatactcttca 275
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 15681 TTTTAAAGTTTTTTTCTTCTTTGTTTATTTT TTAATAATTTTTTTTTT 15622

QY 276 gtctccactatctglttaactatgtaacacaaatctcaatgtaacacagaa 335
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 15621 ATATAAAATTTTTTAAATTTTTTTGATATATCTTTTCAATTTTATTCATCAAAA 15562

QY 336 tcaactttactgaacatgcttctgcttgcataacataactaaggttatactagtg 395
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 15561 TTTATATTTTATTAATTTTATTTTAAATTTTAAATTTTTCCTTTTATTTT 15502

QY 396 tctttagaaacaaacacacacttctcaagttcagtggttttccct 449
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 15501 TTTTATTTTATTAATAATTTTTTTTATTAATTTTCAATTTCTTTTTCATTT 15448
```

RESULT 3

US-08-319-704-5/C

; Sequence 5, Application US/08319704

; Patent No. 5814617

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen L.

APPLICANT: Charoenvit, Yupin

APPLICANT: Hedstrom, Richard C.

APPLICANT: Doonan, Denise L.

TITLE OF INVENTION: Protective 17 kDa Malari, Hepatic and

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS: Erythrocytic Stage Immunoegen and Gene

ADDRESSEE: Naval Medical R & D Command

STREET: Bldg 1, T-12, 8901 Wisconsin Avenue

CITY: Bethesda

STATE: Maryland

COUNTRY: U.S.A

ZIP: 20889-5606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,704

FILING DATE: 07-OCT-1994

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: A. David Spevack

REGISTRATION NUMBER: 24,743

REFERENCE/DOCKET NUMBER: 75,206

TELECOMMUNICATION INFORMATION:

TELEPHONE: (301) 295-6759

TELEFAX: (301) 295-1022

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 1422 base pairs

TYPE: nucleic acid



Db 975 TTTTTCATGTTTGTAGAAAAATAAATACTGGCAATATATCATTTGAGCAAAAT 1034  
OY 237 cttaattaccoccatlgttaagaataatactttcagtcctccatatactgtt 296  
Db 1035 CTTAGTGTGTAATGTTTGTCTTCTTCCCTCCCAACCAACCAACCACTCCCTGTTT 1094  
OY 297 aatactat 304  
Db 1095 GTTTCAT 1102

RESULT 6  
PCT-US93-09634-4  
Sequence 4, Application PC/TUS9309634  
GENERAL INFORMATION:  
APPLICANT: Kingston, Robert E.  
APPLICANT: Bunker, Christopher Alden  
TITLE OF INVENTION: Protein Partner Screening Assays and  
TITLE OF INVENTION: Uses thereof  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein and Fox  
STREET: 1100 New York Avenue, N.W.; Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/09634  
FILING DATE: (herewith)  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Cimbala, Michele A.  
REGISTRATION NUMBER: 33,851  
REFERENCE/DOCKET NUMBER: 0609.274PC03  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1419 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
PCT-US93-09634-4

Query Match 7.4%; Score 33.6; DB 5; Length 1419;  
Best Local Similarity 53.9%; Pred. No. 3.6;  
Matches 69; Conservative 0; Mismatches 59; Indels 0; Gaps 0;

OY 177 ttcttcacggaatattagtttaagaataatactttcagtcctccatatactgtt 236  
Db 975 TTTTTCATGTTTGTAGAAAAATAAATACTGGCAATATATCATTTGAGCAAAAT 1034  
OY 237 cttaattaccoccatlgttaagaataatactttcagtcctccatatactgtt 296  
Db 1035 CTTAGTGTGTAATGTTTGTCTTCTTCCCTCCCAACCAACCAACCACTCCCTGTTT 1094  
OY 297 aatactat 304  
Db 1095 GTTTCAT 1102

RESULT 7  
US-08-617-860B-32  
Sequence 32, Application US/08617860B

Patent No. 6133506  
GENERAL INFORMATION:  
APPLICANT: Tydfier, R., Bator, J., Bothmann H., Filasak, E.,  
APPLICANT: Hyricke-Grandjean, C., Klein, B., Martin, N.,  
APPLICANT: Miller, A., Schulte, W., Voetz, M., Walek, J.,  
APPLICANT: Schell, J.  
TITLE OF INVENTION: Promoters  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Steinberg, Raskin & Davidson, P.C.  
STREET: 1140 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (PPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/617,860B  
FILING DATE: 01-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP94/02950  
FILING DATE: 05-SEP-1994  
APPLICATION NUMBER: DE P4329951.2  
FILING DATE: 04-SEP-1993  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1850 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Double stranded  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Cuphea lanceolata  
IMMEDIATE SOURCE:  
LIBRARY: genomic Lambda FIX II  
CLONE: C1TE91  
FEATURE:  
NAME/KEY: CAAT-Signal  
LOCATION: 1428..1432  
FEATURE:  
NAME/KEY: TATA-Signal  
LOCATION: 1553..1556  
FEATURE:  
NAME/KEY: Transcription start  
LOCATION: 1585  
FEATURE:  
NAME/KEY: Leguminbox  
LOCATION: 1642..1657  
FEATURE:  
NAME/KEY: Startcodon  
LOCATION: 1797..1799  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1797..1850  
US-08-617-860B-32

Query Match 7.4%; Score 33.6; DB 3; Length 1850;  
Best Local Similarity 50.0%; Pred. No. 3.8;  
Matches 84; Conservative 0; Mismatches 84; Indels 0; Gaps 0;

OY 154 ttgtagtcatagaagtgcaactttcttcatggaataatcttaagtttaagtaacacg 213  
Db 216 TTAATAATTAAATATATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTT 275  
OY 214 gcttacaagcttttaccatcttaatttaccatcttctgaagataatactctt 273

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Db 276 AGTTTAAATTTTAAATTTTAAATTTAGTTTATTTTAAATATTTGTTG 335
QY 274 cagctccacatactgtttaactatgtaccacaatattca 321
| | | | | | | | | | | | | | | | | | | | |
Db 336 AATTTTAAATTTTGTGTTTAAATATTTTAAAGTTTAA 383

RESULT 8
US-08-605-106-4
; Sequence 4, Application US/08605106
; Patent No. 5910631
; GENERAL INFORMATION:
; APPLICANT: Topfer, R.
; APPLICANT: Martini, N.
; APPLICANT: Scheil, J.
; TITLE OF INVENTION: MEDIUM CHAIN-SPECIFIC THIOESTERS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.
; STREET: P. O. Box 2938
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,106
; FILING DATE: 23-SEPT-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP94/02935
; FILING DATE: 01-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Woessner, Warren D
; REGISTRATION NUMBER: 30,440
; REFERENCE/DOCKET NUMBER: 235.001US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-373-6900
; TELEFAX: 612-339-3061
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4098 Base Pairs
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: : DNS (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cuphea lanceolata
; IMMEDIATE SOURCE:
; LIBRARY: genomic lambda FIX II
; CLONE: CITE91
; FEATURE:
; NAME/KEY: CDS
; LOCATION: join(1797..2294, 2658..2791, 2898..3011, 3132
; LOCATION: ..3303, 3391..3459, 3672..3941)
; FEATURE:
; NAME/KEY: Startcodon
; LOCATION: 1797..1799
; FEATURE:
; NAME/KEY: exon II
; LOCATION: 1787..2294
; FEATURE:
; NAME/KEY: intron II
; LOCATION: 2295..2657
; FEATURE:
; NAME/KEY: exon III

; LOCATION: 2658..2791
; FEATURE:
; NAME/KEY: intron III
; LOCATION: 2792..2897
; FEATURE:
; NAME/KEY: exon IV
; LOCATION: 2898..3011
; FEATURE:
; NAME/KEY: intron IV
; LOCATION: 3012..3131
; FEATURE:
; NAME/KEY: exon V
; LOCATION: 3132..3303
; FEATURE:
; NAME/KEY: intron V
; LOCATION: 3304..3390
; FEATURE:
; NAME/KEY: exon VI
; LOCATION: 3391..3459
; FEATURE:
; NAME/KEY: intron VI
; LOCATION: 3460..3671
; FEATURE:
; NAME/KEY: exon VII
; LOCATION: 3672..3941
; FEATURE:
; NAME/KEY: Stopcodon
; LOCATION: 3942..3944
; US-08-605-106-4

Query Match 7.4%; Score 33.6; DB 2: Length 4098;
Best Local Similarity 50.0%; Pred. No. 4.6;
Matches 84; Conservative 0; Mismatches 84; Indels 0; Gaps 0;

QY 154 ttgtagtcacagagtgcaactctctacatggaatactagggttaagttacaactg 213
| | | | | | | | | | | | | | | | | | | | |
Db 216 TTAATAATTTAAATATTTTAAATCTTTTAAAAAAATTTTAAATATTTAAATTT 275
| | | | | | | | | | | | | | | | | | | | |
QY 214 gcttactaagctttattacacatcttaattacaccactttgttaagaatactctt 273
| | | | | | | | | | | | | | | | | | | | |
Db 276 AGTTTAAATTTTAAATTTTAAATTTTAAATTTAGTTTATTTTAAATATTTGTTG 335
| | | | | | | | | | | | | | | | | | | | |

QY 274 cagctccacatactgtttaactatgtaccacaatattca 321
| | | | | | | | | | | | | | | | | | | | |
Db 336 AATTTTAAATTTTGTGTTTAAATATTTTAAAGTTTAAAGTTTAA 383
| | | | | | | | | | | | | | | | | | | | |

RESULT 9
US-09-136-605-14
; Sequence 14, Application US/09136605A
; Patent No. 6140052
; GENERAL INFORMATION:
; APPLICANT: He, Tong-Chuan
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Beta Catenin, TCF-4, and APC Interact to
; TITLE OF INVENTION: Prevent Cancer
; FILE REFERENCE: 1107.75741
; CURRENT APPLICATION NUMBER: US/09/136,605A
; CURRENT FILING DATE: 1998-08-20
; EARLIER APPLICATION NUMBER: 08/821,355
; EARLIER FILING DATE: 1997-03-20
; EARLIER APPLICATION NUMBER: 09/003,687
; EARLIER FILING DATE: 1998-01-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 8056
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: TATA_signal
```

LOCATION: (2458)...(2462)  
US-09-136-605-14

Query Match 7.4%; Score 33.6; DB 3; Length 8056;  
Best Local Similarity 53.9%; Pred. No. 5.4;  
Matches 69; Conservative 0; Mismatches 59; Indels 0; Gaps 0;

QY 177 ttcttcacgtgaatattggttgaatgaactgtcttactgaacttattcacat 236  
DB 7602 ttcttcacgtgaatattggttgaatgaactgtcttactgaacttattcacat 7661  
QY 237 cttaatttaccacattgttgaagataactcttctccactatattgttt 296  
DB 7662 cttaatttaccacattgttgaagataactcttctccactatattgttt 7721  
QY 297 aatactat 304  
DB 7722 gtttcat 7729

RESULT 10  
US-08-306-691B-41  
Sequence 41, Application US/08306691B  
Patent No. 5734039  
GENERAL INFORMATION:  
APPLICANT: Calabretta, Bruno  
APPLICANT: Skorski, Tomasz  
TITLE OF INVENTION: ANTISENSE  
TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seidel, Gonda, Lavorgna & Monaco, P.C.  
STREET: Two Penn Center, Suite 1800  
City: Philadelphia  
STATE: Pennsylvania  
COUNTRY: U.S.A.  
ZIP: 19102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/306,691B  
FILING DATE: September 15, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Monaco, Daniel A.  
REGISTRATION NUMBER: 30,480  
REFERENCE/DOCKET NUMBER: 8321-8  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-8383  
TELEFAX: (215) 568-5549  
TELEX: NO. 5734039E  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8082 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-306-691B-41

Query Match 7.4%; Score 33.6; DB 1; Length 8082;  
Best Local Similarity 53.9%; Pred. No. 5.4;  
Matches 69; Conservative 0; Mismatches 59; Indels 0; Gaps 0;  
QY 177 ttcttcacgtgaatattggttgaatgaactgtcttactgaacttattcacat 236  
DB 7602 ttcttcacgtgaatattggttgaatgaactgtcttactgaacttattcacat 7661

DB 7628 TTTTTCATATGCTTTTACAAAAATAAATACTGCAATATATATCATGAGCCAAAT 7687  
QY 237 cttaatttaccacattgttgaagataactcttctccactatattgttt 296  
DB 7688 cttaatttaccacattgttgaagataactcttctccactatattgttt 7747  
QY 297 aatactat 304  
DB 7748 gtttcat 7755

RESULT 11  
US-08-187-785-1  
Sequence 1, Application US/08187785  
Patent No. 5756476  
GENERAL INFORMATION:  
APPLICANT: Epstein, Stephen  
APPLICANT: Unger, Ellis  
TITLE OF INVENTION: Inhibition of No. 575647-Transformed Cell  
TITLE OF INVENTION: Proliferation Using Anti Sense Oligonucleotides  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson, and Bear  
STREET: 620 Newport Center Dr. Sixteenth Floor  
City: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/187,785  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/821,415  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: NIH001.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8082 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE: Human  
INDIVIDUAL ISOLATE:  
IMMEDIATE SOURCE:  
CLONE: C-Myc Genomic Clone  
US-08-187-785-1

Query Match 7.4%; Score 33.6; DB 1; Length 8082;  
Best Local Similarity 53.9%; Pred. No. 5.4;  
Matches 69; Conservative 0; Mismatches 59; Indels 0; Gaps 0;

QY 177 ttcttcacgtgaatattggttgaatgaactgtcttactgaacttattcacat 236  
DB 7628 TTTTTCATATGCTTTTACAAAAATAAATACTGCAATATATATCATGAGCCAAAT 7687  
QY 237 cttaatttaccacattgttgaagataactcttctccactatattgttt 296  
DB 7748 gtttcat 7755

RESULT 13  
US-08-569-749-3/c  
; Sequence 3, Application US/08569749  
; Patent No. 6187557  
; GENERAL INFORMATION:  
; APPLICANT: Roche, Mike

Query Match	Similarity	7.43%	Score	33.4	DB	4	Length	2601
Best Local	Similarity	49.48%	Pred	No.4.7	th	15	Indels	1
Matches	114	Conservative	0	Mismatches	115		Gaps	1
QY	99	tttactccacaatatgtgcatcattcaatcaacctgttactgtagatgttgcgaaattgta	158					
Db	2242	TTAACTCCAAATATCTTAAAGTTTACTCTCA-CCTAACATTTTCATTAATGCTGAAATTTTGA	2184					
QY	159	gtctctagatggtccaacctctctctcatggaatataggtttaaagttacaacigtcta	218					
Db	2183	TTGAATATATGTGTTGTATGCTACTCTTTTTCGTTCAATAAACAACAAAGCCTATCATTT	2124					
QY	219	ctaaagctttatcatcaccttcaattcttaccacattttgttaagaatatactcttcaagtc	278					
Db	2123	CCTCTAGTTTTCAAAAAATATATGTTCATATAGTGTTCATACATATATTAATTAATGTTAC	2064					
QY	279	tctccataataatcgtttaaataactatgttaacaacaacatcttcaatgtcaaaa	329					
Db	2063	ACAAAACAAATGTTTGTGTGAGTGTGTAATTAATTAATTAATTAATTAAGGAACCA	2013					

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1 RESULT 14
2 PCT-US96-12860-3/C
3 Sequence 3, Application PC/TUS9612860
4 GENERAL INFORMATION:
5 APPLICANT: TULARIA, INC.
6 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
7 NUMBER OF SEQUENCES: 14
8 CORRESPONDENCE ADDRESS:
9 ADDRESSEE: FLEHR, HOBACH, TEST, ALBRITTON & HERBERT
10 STREET: 4 Embarcadero Center, Suite 3400
11 CITY: San Francisco
12 STATE: California
13 COUNTRY: USA
14 ZIP: 94111
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/12860  
FILING DATE: 06 AUG 1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J.  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-62464/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)781-1989  
TELEFAX: (415)398-3249  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2601 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
PCT-US96-12860-3

Query Match 7.4%; Score 33.4; DB 5; Length 2601;  
Best Local Similarity 49.4%; Pred. No. 4.7;  
Matches 114; Conservative 0; Mismatches 116; Indels 1; Gaps 1;  
QY 99 ttatcccaaatattgagtcacatcctgttactgagatagtgtaaaatgta 158  
DB 2242 ttaactcaaatrtcttaagtttacttca-cttacaatttcaatgatgtaattttga 2184  
QY 159 gtcaatagagtcacacttcttcataatgaaatagtgtaaaatgtaaaatgta 218  
DB 2183 ttgaattattgtcttgtagtctaccccttttgcgttcataagaaacacccctatcatt 2124  
QY 219 cttaagctttatcacatccttaatttaccacatttggtaagaatatactcttcagtc 278  
DB 2123 ctcttagtttcaaaaaatattatgttcattatggttagatcatatatttaaaattatgttac 2064  
QY 279 tctccacatatactgtttaataactatgtaaacacacatattcatgtaaca 329  
DB 2063 acaaaacatgtttgttgagttgtaataatataaaatttttaaggaaccca 2013

RESULT 15  
US-07-715-751B-3  
Sequence 3, Application US/07715751B  
Patent No. 5391725  
GENERAL INFORMATION:  
APPLICANT: CORUZZI, GLORIA M  
APPLICANT: EDWARDS, JANICE W  
APPLICANT: WALKER, ELSEBETH L  
APPLICANT: BREARS, TIMOTHY B  
TITLE OF INVENTION: NOVEL ORGAN-SPECIFIC PLANT PROMOTER  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 AVENUE OF THE AMERICAS  
CITY: NEW YORK  
STATE: N.Y.  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/715,751B  
FILING DATE: 19910613  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MISTROCK, S. LESLIE  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 3288-017-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1262 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-715-751B-3

Query Match 7.3%; Score 33.2; DB 1; Length 1262;  
Best Local Similarity 50.6%; Pred. No. 4.4;  
Matches 80; Conservative 0; Mismatches 73; Indels 0; Gaps 0;  
QY 189 aatattaggttaagttaaacactgcttactaagctttatcatcatttaattacc 248  
DB 902 AAAAGAAATTCAAGTTATCATATCTCTTCTTTTAAAGAAATTAAGATGA 961  
QY 249 ccatttgttaagaatatctcttccagtcctccactatactgtttaactatgtaa 308  
DB 962 tctatttttttattcatttcaacttttaagaaatttaaaataacacatttttcaattttc 1021  
QY 309 caacaatattcatgacacaccagaatcaatcttita 346  
DB 1022 AGAATTCAATTCATCTAGTAAAGATTCCTCCTA 1059

Search completed: August 27, 2001, 17:54:39  
Job time: 8467 sec





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